PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference MASIMO.149VP	FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
DCT/US 00/310E4	28/12/1000	30/12/1008			
PCT/US 99/31054	28/12/1999	30/12/1998			
Applicant					
MASIMO CORPORATION					
This International Search Report has bee according to Article 18. A copy is being to This International Search Report consists		hority and is transmitted to the applicant			
It is also accompanied by	y a copy of each prior art document cited in this	s report.			
Basis of the report					
a. With regard to the language, the	international search was carried out on the balless otherwise indicated under this item.	sis of the international application in the			
the international search (Authority (Rule 23.1(b)).	was carried out on the basis of a translation of t	the international application furnished to this			
b. With regard to any nucleotide at	nd/or amino acid sequence disclosed in the in	nternational application, the international search			
was carried out on the basis of the contained in the internation	ne sequence listing : onal application in written form.				
	ernational application in computer readable for	m.			
	o this Authority in written form.				
	o this Authority in computer readble form.				
	bsequently furnished written sequence listing of	does not go beyond the disclosure in the			
l 	as filed has been furnished. formation recorded in computer readable form i	is identical to the written sequence listing has been			
	und unsearchable (See Box I).				
3. Unity of invention is lac	cking (see Box II).				
4. With regard to the title,					
	ubmitted by the applicant.				
	shed by this Authority to read as follows:				
	· · · · · · · · · · · · · · · · · · ·				
5. With regard to the abstract,					
X the text is approved as s	ubmitted by the applicant.				
	shed, according to Rule 38.2(b), by this Author e date of mailing of this international search re				
	olished with the abstract is Figure No.	4			
as suggested by the app	•	None of the figures.			
because the applicant fa		<u> </u>			
[r characterizes the invention.				
L					

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 99/31054

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61B5/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 5 651 370 A (HERSH ET AL.) 1,12 29 July 1997 (1997-07-29) column 6, line 10 -column 9, line 38 US 5 243 992 A (ECKERLE ET AL.) Α 1,5-7, 14 September 1993 (1993-09-14) 12,14,15 abstract column 7, line 19 -column 12, line 55 US 4 960 126 A (CONLON ET AL.) Α 1,4-7,2 October 1990 (1990-10-02) 12,14-16 column 5, line 17 -column 8, line 50 figures 6,7 Α WO 94 27492 A (NIMS, INC.) 1,5,12, 8 December 1994 (1994-12-08) page 12, line 21 -page 14, line 22 figure 1 Further documents are listed in the continuation of box C. Х Patent family members are listed in annex. ° Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 21 April 2000 02/05/2000 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Chen, A

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 99/31054

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.		
A	CHRIST F ET AL: "TIME DISCRETE, NEAR INFRARED PHOTOPLETHYSMOGRAPHY (NIRP) FOR NON-INVASIVE INVESTIGATION OF THE VOLUME PULSE IN MAN" EUROPEAN JOURNAL OF MEDICAL RESEARCH, DE, MUNICH, vol. 1, no. 5, 22 February 1996 (1996-02-22), pages 237-243, XP000199941 ISSN: 0949-2321 page 240, right-hand column, line 8 -page 241, left-hand column, line 10 figure 5	1,2,12,		

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